



Australian Government

NWPNET007 Conduct commissioning and post-commissioning activities

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the NWP National Water Training Package.

Application

This unit involves the skills and knowledge required to conduct commissioning and post-commissioning activities.

It includes planning and managing commissioning and post-commissioning activities associated with asset construction. It also includes applying and adhering to relevant legislation, industry regulatory and workplace procedures.

This unit applies to those working as construction leaders with responsibility for the commissioning of new assets and management of post-commissioning activities. Those undertaking this unit would work autonomously, with leadership responsibilities, while performing complex tasks in a range of familiar contexts.

No licensing, legislative or certification requirements apply to unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

Networks

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

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| 1 Plan for commissioning activities | 1.1 Access and interpret workplace and contractual requirements and documentation for the post-construction commissioning of assets |
| | 1.2 Develop a specified commissioning plan |
| | 1.3 Secure authorisation of the commissioning process from appropriate personnel |
| | 1.4 Negotiate and communicate commissioning activities, process and schedule with relevant stakeholders |
| | 1.5 Identify hazards, assess risks and implement control measures |
| 2 Conduct commissioning activities | 2.1 Schedule and conduct the defined commissioning program |
| | 2.2 Conduct site inspections according to commissioning requirements |
| | 2.3 Review construction and installation planning and implement identified improvements |
| 3 Conduct post-commissioning activities | 3.1 Monitor and record asset performance against inspection and test plans |
| | 3.2 Identify and rectify defects according to workplace procedures |
| | 3.3 Record required operational and maintenance schedules |
| | 3.4 Finalise the asset register according to workplace procedures |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit Mapping Information

This unit replaces and is equivalent to NWPNET034 Conduct commissioning and post-commissioning activities.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>